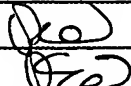
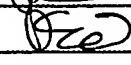
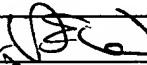




<b>FORM PTO-1449 (SUBSTITUTE)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: S&ZFH020501 Appl. No.: _____  Applicant: JÜRGEN HERRE ET AL.  Filing Date: November 14, 2003 Group Art Unit: _____			
--	--	--	--	---	--	--	--

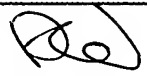

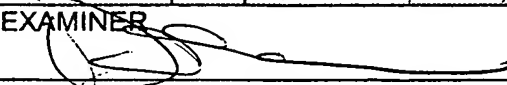
  

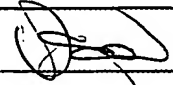
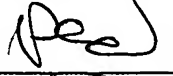
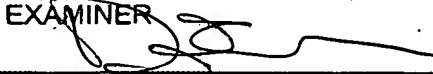
EXAMINER INITIALS	PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,918,223	6/29/99	Blum et al.		
	B	4,964,167	10/16/90	Kunizawa et al.		
	C					
	D					
	E					
	F					
	G					
	H					
	I					

FOREIGN PATENT DOCUMENT							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES	NO
	J	38 23 724 A1	2/2/89	Germany			X
	K	93/24923	12/9/93	WIPO			
	L	09293083 A	11/11/97	Japan			
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	Tolonen, T. et al.: "A Computationally Efficient Multipitch Analysis Model", IEEE Transactions on Speech and Audio Processing, Vol. 8, No. 6, November 2000, pp. 708-716;
	Goto, M. et al.: "Real-Time Beat Tracking for Drumless Audio Signals: Chord Change Detection for Musical Decisions", Speech Communication, Elsevier Science B.V., Vol. 27, 1999, pp. 311-335
EXAMINER 	DATE CONSIDERED <u>4/14/05</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>FORM PTO-1449 (SUBSTITUTE)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: S&ZFH020501 Appl. No.: _____  Applicant: JÜRGEN HERRE ET AL.  Filing Date: November 14, 2003 Group Art Unit: _____			
<b>EXAMINER INITIALS</b>		<b>PATENT NO.</b>	<b>DATE</b>	<b>PATENTEE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
<b>FOREIGN PATENT DOCUMENT</b>							
		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>TRANSL. YES   NO</b>
	J						
	K						
	L						
	M						
	N						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
		Scheirer, E. D.: "Tempo and Beat Analysis of Acoustic Musical Signals", Acoustical Society of America, Vol. 103, No. 1, January 1998, pp. 588-601					
		Brown, J. C.: "Determination of the Meter of Musical Scores by Autocorrelation", The Journal of the Acoustical Society of America, Acoustical Society of America, Vol. 94, No. 4, October 1993, pp. 1953-1957					
<b>EXAMINER</b> 				<b>DATE CONSIDERED</b> 4/14/05			
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>FORM PTO-1449 (SUBSTITUTE)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: S&ZFH020501 Appl. No.: _____  Applicant: JÜRGEN HERRE ET AL.  Filing Date: November 14, 2003 Group Art Unit: _____			
--	--	--	--	---	--	--	--


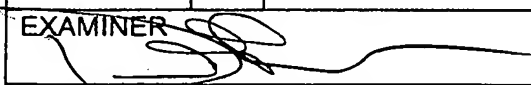
  

EXAMINER INITIALS	A	PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT							
	J	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	Scheirer, E. D.: "Pulse Tracking With a Pitch Tracker", IEEE ASSP Workshop on New Paltz, October 19, 1997, four pages
<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 4/14/05
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	